




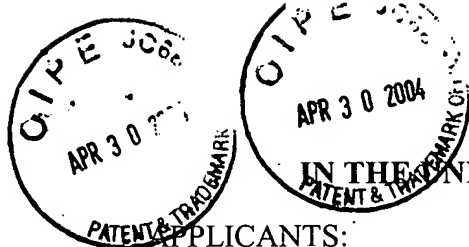


<div> <div>  <div> <div>USPTO</div> <div>U.S. Department of Commerce</div> <div>Patent and Trademark Office</div> </div> </div> <div> <div>Rev. 10/95</div> <div> <div>TRANSMITTAL FORM</div> <div>(to be used for all correspondence during pendency of filed application)</div> </div> </div> </div>		Application Number	10/727,199
		Filing Date	December 2, 2003
		First Named Inventor	John Barrus
		Group Art Unit Number	2673
		Examiner Name	Not yet known
Total Number of Pages in This Submission	*6	Attorney Docket Number	20412-08188

ENCLOSURES (check all that apply)	
<input type="checkbox"/> Fee Transmittal Form (in duplicate) <input type="checkbox"/> Check Enclosed	<input type="checkbox"/> Issue Fee Transmittal
<input checked="" type="checkbox"/> Return Receipt Postcard	<input type="checkbox"/> Letter to Chief Draftsperson
<input type="checkbox"/> Response to Notice to File Missing Parts	<input type="checkbox"/> Formal Drawing(s): [] Sheet(s) of Figure(s) []
<input type="checkbox"/> Assignment & Recordation Cover Sheet	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Declaration	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Power of Attorney	<input type="checkbox"/> Certified Copy of Priority Document(s)
<input type="checkbox"/> Application Data Sheet	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Information Disclosure Statement & PTO/SB/08A <input checked="" type="checkbox"/> Copies of IDS Cited References	<input type="checkbox"/>
<input type="checkbox"/> Request for Corrected Filing Receipt	<input type="checkbox"/>
<input type="checkbox"/> Request for Correction of Recorded Assignment	<input type="checkbox"/>
<input type="checkbox"/> Amendment/Response: [] Page(s) <input type="checkbox"/> After Final	<input type="checkbox"/>
<input type="checkbox"/> Status Request	<input type="checkbox"/>
<input type="checkbox"/> Revocation and Substitute Power of Attorney	<input type="checkbox"/>
REMARKS: *Number of pages does not include cited references	

SIGNATURE OF ATTORNEY OR AGENT			
Signature:			
Attorney/Reg. No.:	Amir H. Raubvogel, Reg. No.: 37,070	Dated:	April 27, 2004

CERTIFICATE OF MAILING			
I hereby certify that this correspondence, including the enclosures identified above, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. If the Express Mail Mailing Number is filled in below, then this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service pursuant to 37 CFR 1.10.			
Signature:			
Typed or Printed Name:		Amir H. Raubvogel	Dated: April 27, 2004
Express Mail Mailing Number (optional):			



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: John Barrus, Kurt Piersol, and Stephen Savitzky

APPLICATION NO.: 10/727,199

FILING DATE: December 2, 2003

TITLE: Multi-Capability Display

EXAMINER: Not yet known

GROUP ART UNIT: 2673

ATTY. DKT. NO.: 20412-08188

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below:

Dated: APR 27/04 By: Amir H. Raubvogel, Reg. No.: 37,070

COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Under 37 CFR §§ 1.56 and 1.97-98

SIR:

Pursuant to the provisions of 37 CFR §§ 1.56 and 1.97-98, enclosed herewith is modified form PTO/SB/08A listing references for consideration by the Examiner. Enclosed is a copy of each listed reference that may be material to the examination of this application, and for which there may be a duty to disclose.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

This Information Disclosure Statement is being filed:

- ☒ within three months of the filing date of the application, or date of entry into the national stage of an international application, or before the mailing date of a first office action on the merits, whichever event last occurred;
- ☐ before the mailing of a first official action after the filing of a request for continued examination (RCE) under 37 CFR § 1.114;

- ☐ after three months of the filing date of this national application or the date of entry of the national stage in an international application, or after the mailing date of the first official action on the merits, whichever event last occurred, but before the mailing date of the first to occur of either: (1) a final action under 37 CFR §1.113; or (2) an action that otherwise closes prosecution in the application, and:
 - ☐ attached hereto is the fee set forth under 37 CFR §1.17(p) for submission of this Information Disclosure Statement under 37 CFR. § 1.97(c); OR
 - ☐ Applicant certifies pursuant to 37 CFR § 1.97(e) that:
 - ☐ each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; OR
 - ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement;
- ☐ on or before the payment of the issue fee but after the mailing date of the first to occur of either: (1) a final action under 37 CFR § 1.113; (2) a notice of allowance under 37 CFR § 1.311; or (3) an action that otherwise closes prosecution in the application, and:
 - ☐ Applicant certifies pursuant to 37 CFR. § 1.97(e) that:
 - ☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; or
 - ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this

certification after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement; AND

- ☐ attached hereto is the fee set forth under 37 CFR §1.17(p) for submission of this Information Disclosure Statement under 37 CFR. § 1.97(c); OR
- ☐ after the payment of the issue fee. Applicant requests that the information contained in this Information Disclosure Statement be placed in the file according to 37 CFR § 1.97(i), although the information may not be considered by the USPTO.
- ☐ This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application No. _____, filed on _____, and the references cited therein are hereby referenced, but are not required to be provided in this application under 37 CFR § 1.98(d).
- ☐ Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application, and the communication was not received by any individual designated in 37 CFR § 1.56(c) more than thirty days prior to the filing of this Information Disclosure Statement. 37 CFR § 1.704(d).
- ☒ Applicant submits that no fee is required for the consideration of this Information Disclosure Statement.

Consideration of the listed references and favorable action are solicited.

Respectfully submitted,
John Barrus, Kurt Piersol, and
Stephen Savitzky

Dated: APR 27/04

By: 
Amir H. Raubvogel, Reg. No.: 37,070
Fenwick & West LLP
Silicon Valley Center
801 California Street
Mountain View, CA 94041
Tel.: (650) 335-7276
Fax: (650) 938-5200

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application No.	10/727,199
Filing Date	December 2, 2003
First Named Inventor	John Barrus
Art Unit	2673
Examiner Name	Not yet known
Attorney Docket Number	20412-08188

Sheet 1 of 2

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document No. Number – Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		US-2002/0167460 A1	11-14-2002	Baudisch, et al.
		US-2002/0167459 A1	11-14-2002	Baudisch, et al.
		US-2002/0167458 A1	11-14-2002	Baudisch, et al.
		US-2002/0167531 A1	11-14-2002	Baudisch, et al.
		US-6,351,335 B1	02-26-2002	Perlin

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ – Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
		ASHDOWN MARK, et al., The Writing's on the Wall: Large, Remotely Controlled Displays, University of Cambridge Computer Laboratory, UK	
		BAUDISCH PATRICK, et al., Focus Plus Context Screens: Combining Display Technology with Visualization Techniques, Information Sciences and Technologies Laboratory, Xerox Palo Alto Research Center, U.S.A.	
		BAUDISCH PATRICK, et al., Focusing on the Essential: Considering Attention in Display Design, Communications of the ACM, 2003, pp. 1-6	
		COMSTOCK RAYMOND J., et al. The Effectiveness of Various Attitude Indicator Display Sizes and Extended Horizon Lines on Attitude Maintenance in a Part-Task Simulation,	
		CZERWINSKI MARY, et al., Women Take a Wider View, CHI 2002, April 20-25, 2002, Minneapolis, U.S.A.	
		KOSARA ROBERT, et al., Focus + Context Taken Literally, IEEE Computer Graphic and Applications, January/February 2002, pp. 22-29	
		RAJASHEKAR UMESH, et al., Visual Search: Structure from noise, ETRA'02, New Orleans, U.S.A., pp. 119-123	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

20412/08188/DOCS/1431061.1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application No.	10/727,199
				Filing Date	December 2, 2003
				First Named Inventor	John Barrus
				Art Unit	2673
				Examiner Name	Not yet known
Sheet	2	of	2	Attorney Docket Number	20412-08188

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
		TUMBLIN JACK, LCIS: A Boundary Hierarchy For Detail-Preserving Contrast Reduction, SIGGRAPH 99, Los Angeles, U.S.A.	
		TUMBLIN JACK, et al., Two Methods for Display of High Contrast Images, ACM Inc., New York, U.S.A., pp. 1-38	
		WELLNER PIERRE, et al., The Double Digital Desk: Shared Editing of Paper Documents, Technical Report EPC-93-108, Xerox Research Centre Cambridge Laboratory, U.K.	
		XING JING, Center-surround interactions in foveal and peripheral vision, Vision Research 40 (2000), 200 Elsevier Science Ltd., pp. 3065-3072	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.